

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-14 (canceled).

15. (new): An incidence probe for measuring incidence of an air stream flowing outside a skin, comprising:

a body situated outside the skin,
means of measurement of a stress exerted by the air stream on the body,
and a pressure tap disposed on the skin in proximity to the body.

16. (new): The incidence probe as claimed in claim 15, wherein the means of measurement of a stress comprise elastic means maintaining the body secured to the skin, and means of measurement of relative position of the body with respect to the skin.

17. (new): The incidence probe as claimed in claim 15, wherein the body is axisymmetric about an axis substantially perpendicular to the surface of the skin.

18. (new): The incidence probe as claimed in claim 15, wherein it comprises a counterweight fixed to the body and disposed so that the centre of gravity of an assembly formed by the body and the counterweight is substantially situated at the level of the surface of the skin.

19. (new): The incidence probe as claimed in claim 15, wherein the body comprises an axis of inertia perpendicular to the surface of the skin, and wherein the means of measurement of a stress are distributed symmetrically about the axis of inertia.

20. (new): The incidence probe as claimed in claim 15, wherein the position measurement means comprise at least one strain gauge fixed to the elastic means and measuring a strain of the elastic means.

21. (new): The incidence probe as claimed in claim 15, wherein the measurement means comprise a first electrode secured to the body and at least one second electrode secured to the skin, the two electrodes forming a capacitor varying as a function of the modification of the relative position of the body with respect to the skin.

22. (new): The incidence probe as claimed in claim 15, wherein the body comprises reheating means.

23. (new): The incidence probe as claimed in claim 15, comprising means for determining the direction of a stress exerted by the air stream on the body.

24. (new): The incidence probe as claimed in claim 15, comprising means for determining the intensity of a stress exerted by the air stream on the body.

25. (new): The incidence probe as claimed in claim 15, comprising two pressure taps disposed symmetrically with respect to a tangent axis to the skin, the tangent axis being concurrent with an axis of symmetry of the body, and wherein the incidence probe comprises means for pneumatically mixing the air bled off by the two pressure taps.